

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044860.D
 Acq On : 07 Feb 2025 11:53
 Operator : JC/MD
 Sample : Q1319-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(JAN)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/10/2025

Quant Time: Feb 07 12:18:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.891	128	23812	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	133041	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	120992	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	66138	28.771	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.900%		
60) 4-Bromofluorobenzene	11.079	95	63969	27.220	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.733%		
63) Toluene-d8	8.647	98	198482	30.161	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.533%		
Target Compounds						
15) Acetone	2.380	58	6210	24.734	ug/l	Qvalue 84
25) Chloroform	5.099	83	1613m	0.475	ug/l	
62) Toluene	8.714	91	114805	14.410	ug/l	97
82) p-Isopropyltoluene	12.006	119	4924	0.745	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

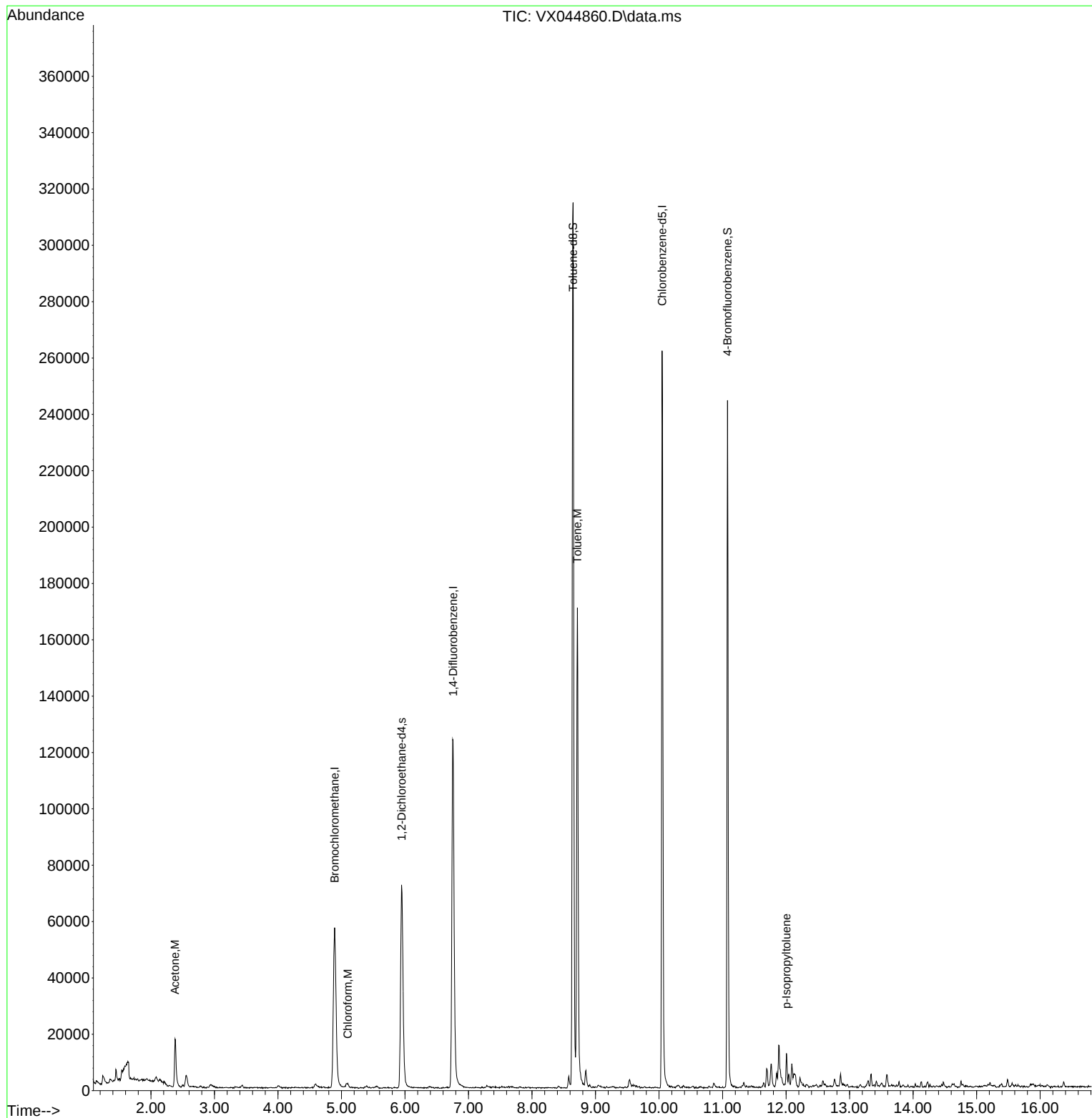
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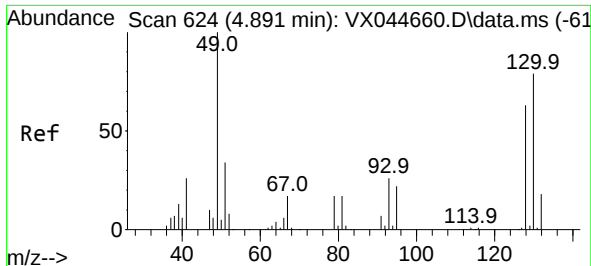
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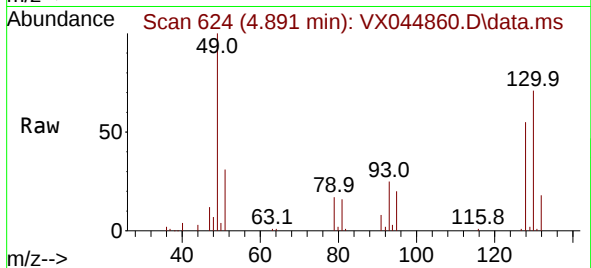
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/10/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53

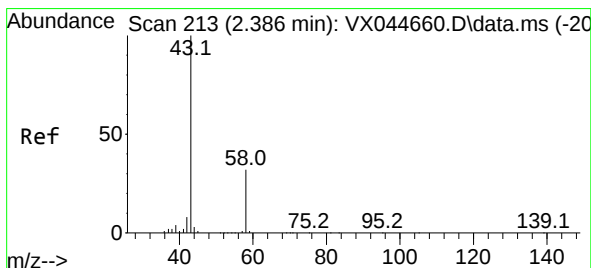
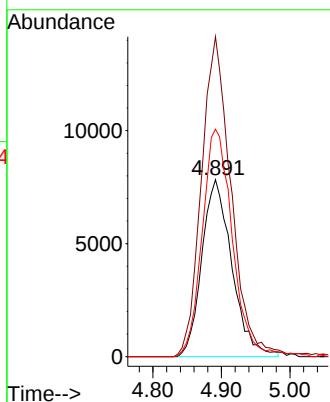
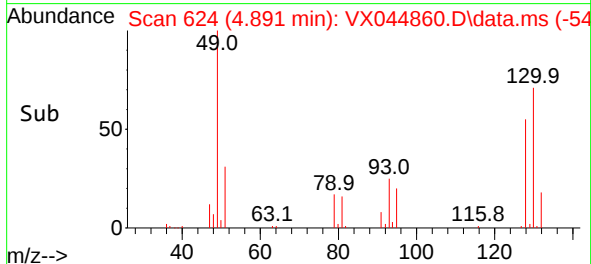
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)



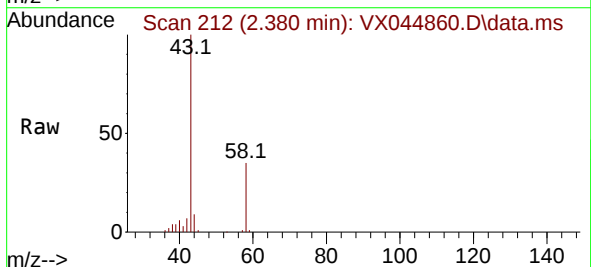
Tgt Ion:128 Resp: 2381
Ion Ratio Lower Upper
128 100
49 178.5 0.0 411.5
130 129.1 0.0 324.3

Manual Integrations
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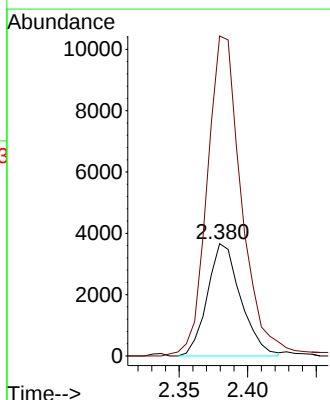
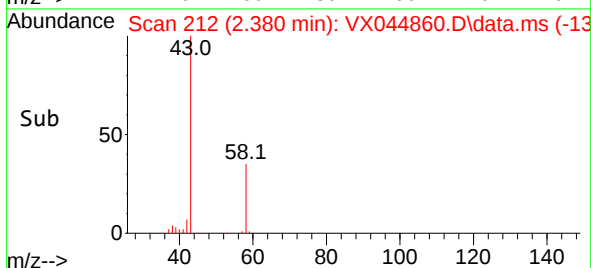
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/10/2025

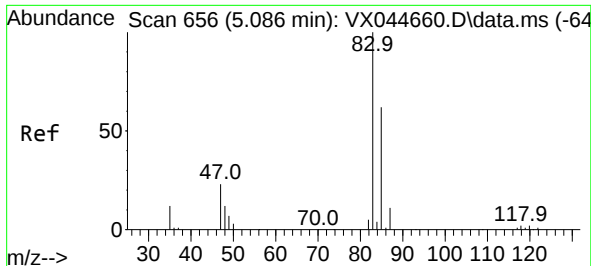


#15
Acetone
Concen: 24.734 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53



Tgt Ion: 58 Resp: 6210
Ion Ratio Lower Upper
58 100
43 281.1 251.0 376.4





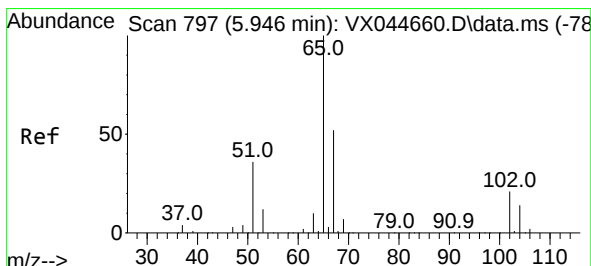
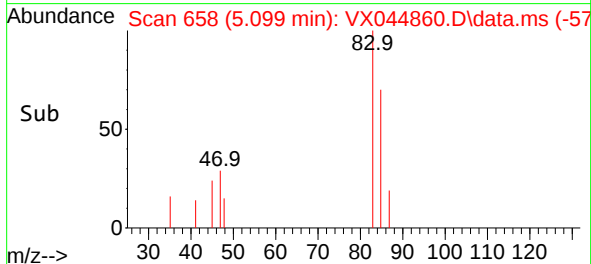
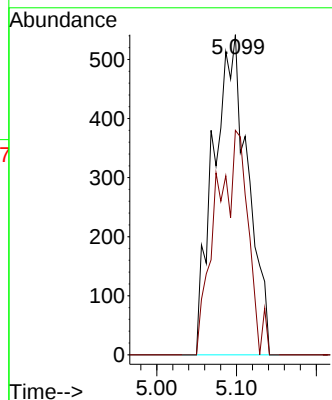
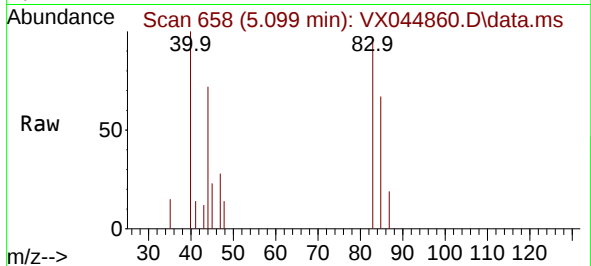
#25
Chloroform
Concen: 0.475 ug/l m
RT: 5.099 min Scan# 656
Delta R.T. 0.012 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)

Tgt Ion: 83 Resp: 161
Ion Ratio Lower Upper
83 100
85 70.1 49.4 74.2

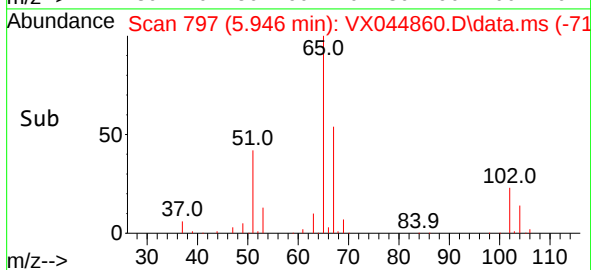
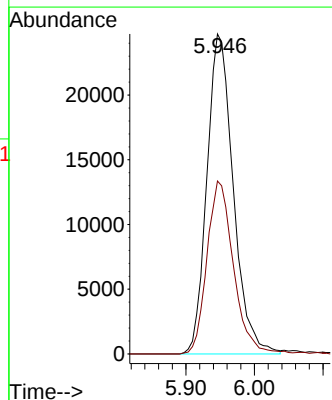
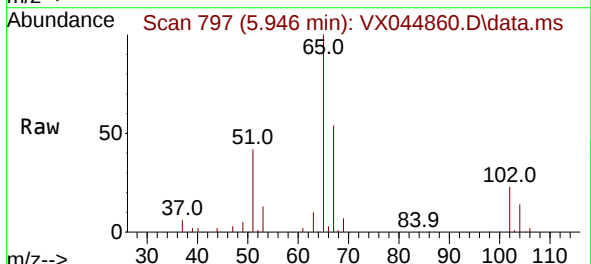
Manual Integrations
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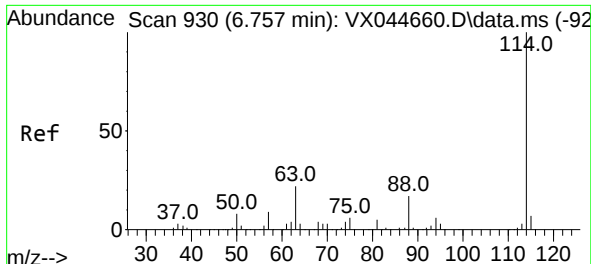
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/10/2025



#27
1,2-Dichloroethane-d4
Concen: 28.771 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53

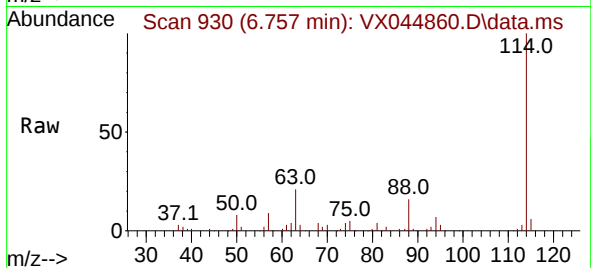
Tgt Ion: 65 Resp: 66138
Ion Ratio Lower Upper
65 100
67 54.0 41.4 62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. -0.000 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53

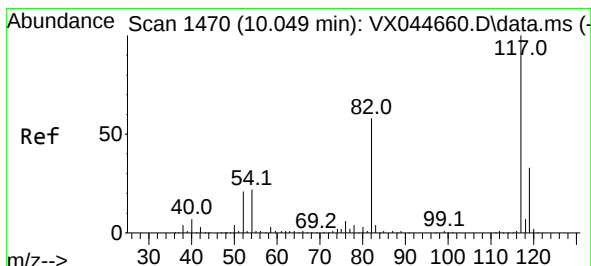
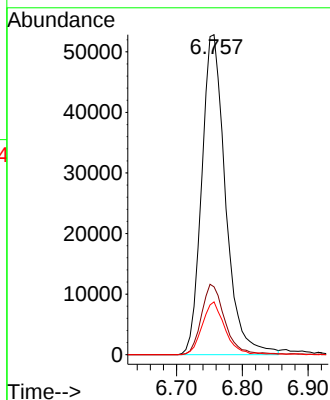
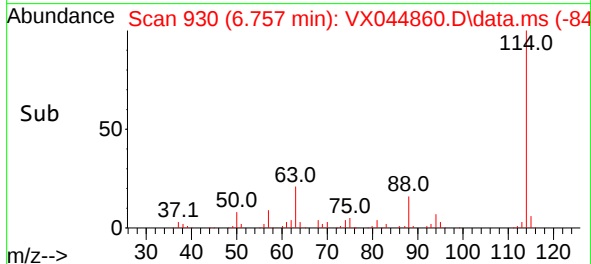
Instrument :
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ClientSampleId :
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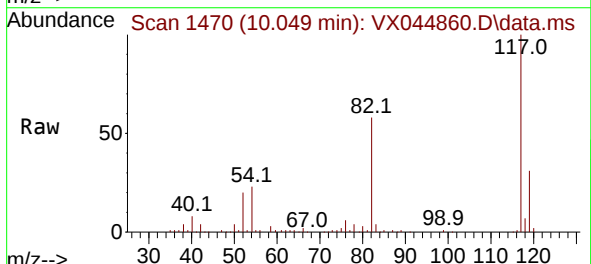
Tgt Ion:114 Resp: 13304
Ion Ratio Lower Upper
114 100
63 21.3 16.6 24.8
88 15.5 13.4 20.2

Manual Integrations
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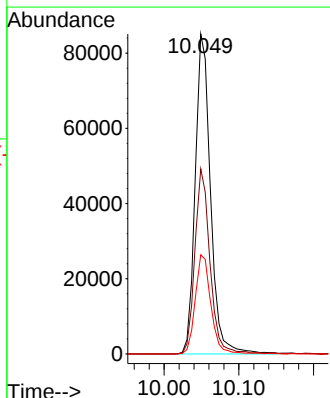
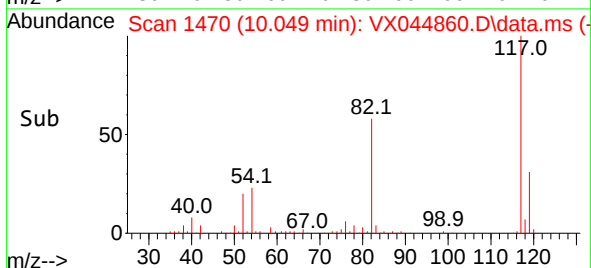
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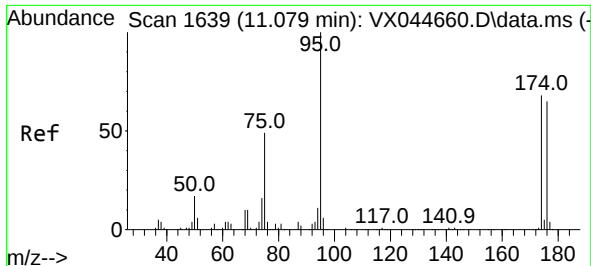


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53



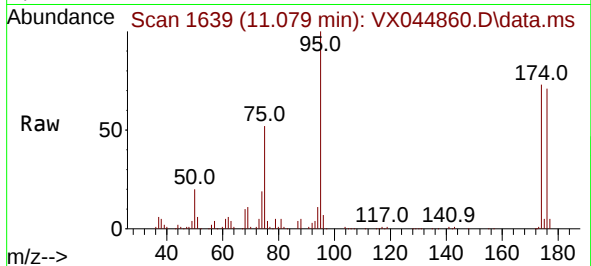
Tgt Ion:117 Resp: 120992
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 31.8 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 27.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53

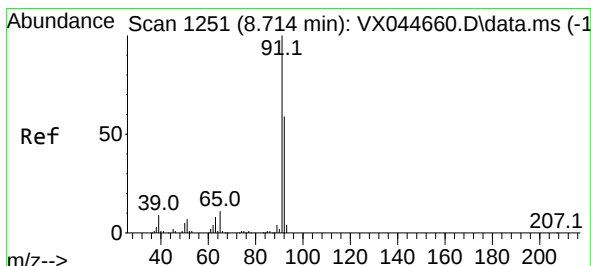
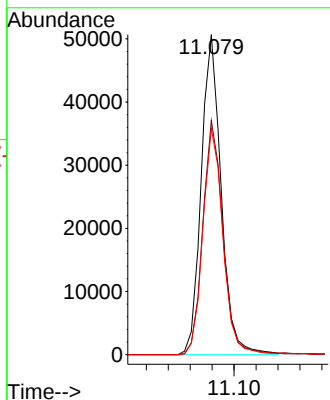
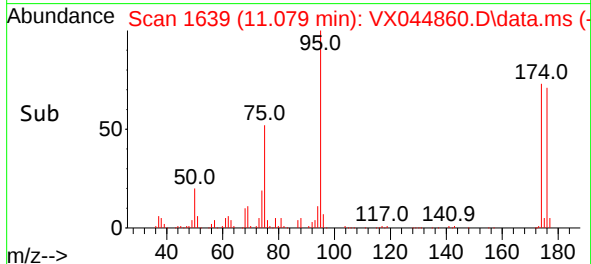
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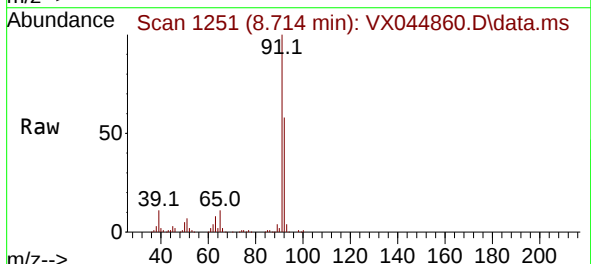
Tgt Ion: 95 Resp: 63969
Ion Ratio Lower Upper
95 100
174 74.4 54.6 81.8
176 71.2 52.8 79.2

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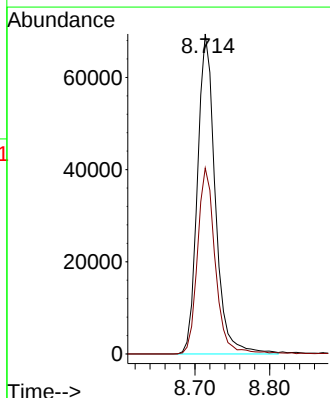
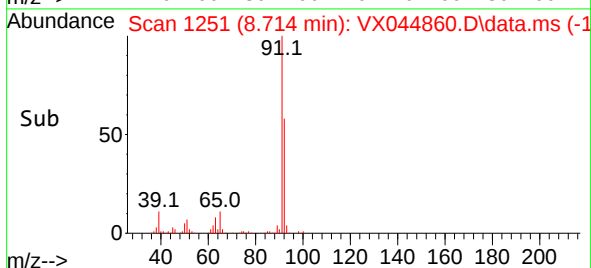
Reviewed By :John Carlone 02/07/2025
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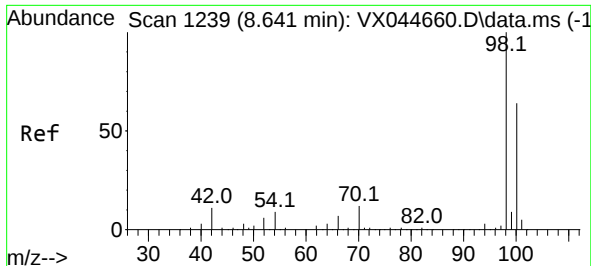


#62
Toluene
Concen: 14.410 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53



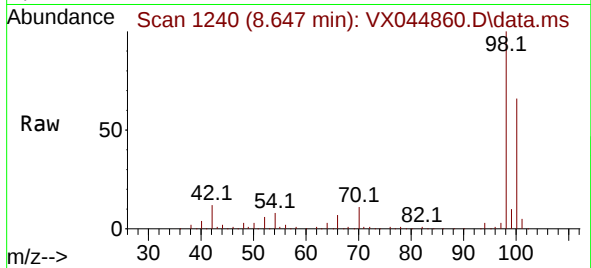
Tgt Ion: 91 Resp: 114805
Ion Ratio Lower Upper
91 100
92 56.6 47.3 70.9





#63
Toluene-d8
Concen: 30.161 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53

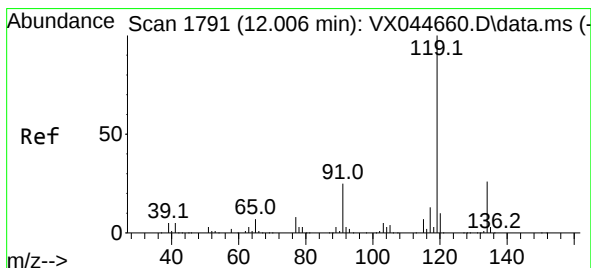
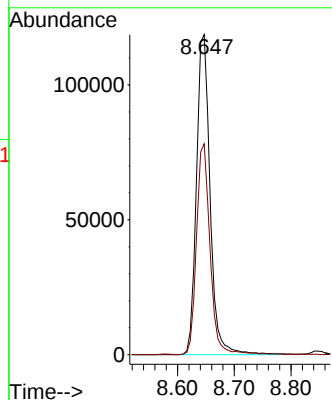
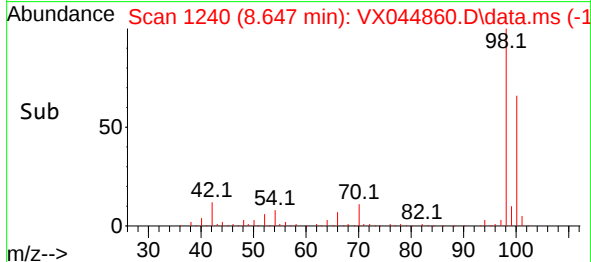
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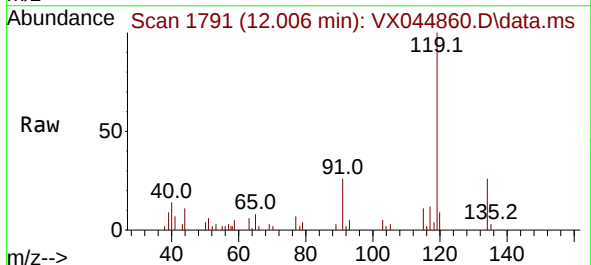
Tgt Ion: 98 Resp: 19848
Ion Ratio Lower Upper
98 100
100 64.9 53.6 80.4

Manual Integrations
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Supervised By :Mahesh Dadoda 02/10/2025



#82
p-Isopropyltoluene
Concen: 0.745 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044860.D
Acq: 07 Feb 2025 11:53



Tgt Ion:119 Resp: 4924
Ion Ratio Lower Upper
119 100
134 27.1 0.0 52.2
91 25.1 0.0 50.2

